



PATENT

RECEIVED

MAR 22 2001

IN THE CLAIMS

Technology Center 2600

Please delete Claims 1, 3-4, 6-7, and 10-11; amend claims 2, 5, and 8-9; and add new Claims 12-16, as follows:

2 2. (Once Amended) [The apparatus of Claim 1] An apparatus for transmitting
spread spectrum data, comprising:

4 a modulation means for receiving data and for modulating the received
data in accordance with a spread spectrum modulation format; and

6 an upconversion means for receiving the modulated data and for
upconverting the modulated data for transmission at a frequency determined in

8 accordance with a selection signal, wherein the selection signal is determined
in accordance with a subset of bits from the received data.

5. (Once Amended) [The apparatus of Claim 1] An apparatus for
2 transmitting spread spectrum data, comprising:

4 a modulation means for receiving data and for modulating the received
data in accordance with a code channel selection signal; and

6 an upconversion means for receiving the modulated data and for
upconverting the modulated data for transmission at a frequency determined in

8 accordance with a selection signal, wherein the code channel selection signal
is determined in accordance with a subset of bits of the received data.

8. (Once Amended) [The apparatus of Claim 7] An apparatus for
2 transmitting spread spectrum data, comprising:

4 a spread spectrum modulator; and

6 at least one upconverter having an output, coupled to the spread
spectrum modulator, the output of the upconverter having a carrier frequency

8 that changes in accordance with a predetermined pattern, wherein the
predetermined pattern is determined by a subset of bits from the spread
spectrum data.

9. (Once Amended) [The apparatus of Claim 7] An apparatus for
2 transmitting spread spectrum data, comprising:



RECEIVED PATENT

MAR 22 2001

Technology Center 2600

4

a spread spectrum modulator; and

at least one upconverter having an output, coupled to the spread spectrum modulator, the output of the upconverter having a carrier frequency changing in accordance with a predetermined pattern, wherein the spread spectrum modulator modulates the spread spectrum data in accordance with a code channel selection signal that is determined in accordance with a subset of bits of the received data.

12. (New) An apparatus for transmitting spread spectrum data, comprising:

a modulation means for receiving data and for modulating the received data in accordance with a code channel selection signal that is determined in accordance with a subset of bits of the received data; and
an upconversion mean for receiving the modulated data and for upconverting the modulated data for transmission at a frequency determined in accordance with a selection signal that is determined in accordance with a subset of bits from the received data.

13. (New) A method for transmitting data, comprising:

modulating the data;
selecting a carrier frequency in accordance with a subset of bits from the data; and
upconverting the data using the selected carrier frequency.

14. (New) A method for transmitting data, comprising:

modulating the data in accordance with a code channel selection signal that is determined in accordance with a subset of bits of the data; and
upconverting the modulated data using a selected carrier frequency.

15. (New) A computer readable medium embodying a method for transmitting data, the method comprising:

modulating the data;
selecting a carrier frequency in accordance with a subset of bits from the data; and

6 upconverting the data using the selected carrier frequency.

16. (New) A computer readable medium embodying a method for
2 transmitting data, the method comprising:
modulating the data in accordance with a code channel selection signal
4 that is determined in accordance with a subset of bits of the data; and
upconverting the modulated data using a selected carrier frequency.



PATENT

RECEIVED

MAR 22 2001

Technology Center 2600

NEW SET OF CLAIMS

1. Deleted.

Sub C4

2. An apparatus for transmitting spread spectrum data, comprising:
a modulation means for receiving data and for modulating the received
data in accordance with a spread spectrum modulation format; and
4 an upconversion means for receiving the modulated data and for
upconverting the modulated data for transmission at a frequency determined in
6 accordance with a selection signal, wherein the selection signal is determined
in accordance with a subset of bits from the received data.

3. Deleted.

4. Deleted.

Sub C5

2. An apparatus for transmitting spread spectrum data, comprising:
a modulation means for receiving data and for modulating the received
data in accordance with a code channel selection signal; and
4 an upconversion means for receiving the modulated data and for
upconverting the modulated data for transmission at a frequency determined in
6 accordance with a selection signal, wherein the code channel selection signal
is determined in accordance with a subset of bits of the received data.

6. Deleted.

7. Deleted.

Sub C6

2. An apparatus for transmitting spread spectrum data, comprising:
a spread spectrum modulator; and
4 at least one upconverter having an output, coupled to the spread
spectrum modulator, the output of the upconverter having a carrier frequency
that changes in accordance with a predetermined pattern, wherein the
6 predetermined pattern is determined by a subset of bits from the spread
spectrum data.

A3
CONT

Sub B17

- 2 9. An apparatus for transmitting spread spectrum data, comprising:
a spread spectrum modulator; and
at least one upconverter having an output, coupled to the spread
4 spectrum modulator, the output of the upconverter having a carrier frequency
changing in accordance with a predetermined pattern, wherein the spread
6 spectrum modulator modulates the spread spectrum data in accordance with a
code channel selection signal that is determined in accordance with a subset of
8 bits of the received data.

*A3
Concl*

10. Deleted.

11. Deleted.

Sub C1

- 2 12. An apparatus for transmitting spread spectrum data, comprising:
a modulation means for receiving data and for modulating the received
4 data in accordance with a code channel selection signal that is determined in
accordance with a subset of bits of the received data; and
an upconversion mean for receiving the modulated data and for
6 upconverting the modulated data for transmission at a frequency determined in
accordance with a selection signal that is determined in accordance with a
8 subset of bits from the received data.

*A4
cont*

- 2 13. A method for transmitting data, comprising:
modulating the data;
selecting a carrier frequency in accordance with a subset of bits from the
4 data; and
upconverting the data using the selected carrier frequency.

- 2 14. A method for transmitting data, comprising:
modulating the data in accordance with a code channel selection signal
that is determined in accordance with a subset of bits of the data; and
4 upconverting the modulated data using a selected carrier frequency.

15. A computer readable medium embodying a method for transmitting
2 data, the method comprising:
4 modulating the data;
selecting a carrier frequency in accordance with a subset of bits from the
data; and
6 upconverting the data using the selected carrier frequency.

16. A computer readable medium embodying a method for transmitting
2 data, the method comprising:
modulating the data in accordance with a code channel selection signal
4 that is determined in accordance with a subset of bits of the data; and
upconverting the modulated data using a selected carrier frequency.
- Alt
Canc*